FIG.1 Related Art

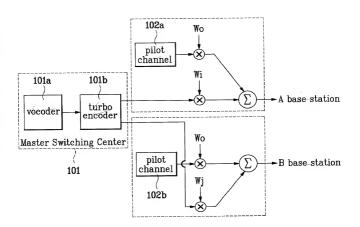


FIG.2 Related Art

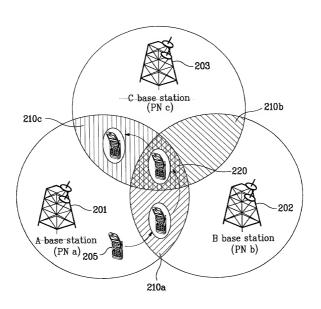


FIG.3 Related Art

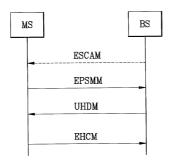


FIG.4 Related Art

Field	Length(bits)
NUM_PILOTS	6

NUM\_PILOTS occurrences of the following record:

PILOT_PN	9
PUNCTURE_PATTERN	2

FIG.5

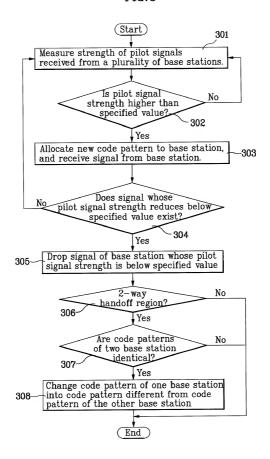


FIG.6

Field	Length(bits)	
NUM_PILOTS	6	

 $\ensuremath{\mathtt{NUM\_PILOTS}}$  occurrences of the following record:

PILOT_PN	9
PUNCTURE_PATTERN	2
USE_SWAP_TIME	0 or 1
SWAP_ACTION_TIME	0 or 6

FIG.7

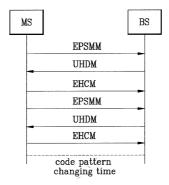


FIG.8

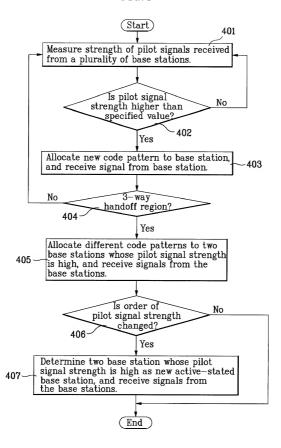


FIG.9

	(a)		(b)
A	В	С	Active set
1	2	3	A(a), B(b)
1	3	2	A(a), C(b)
2	1	3	A(a), B(b)
2	3	1	A(a), C(b)
3	1	2	B(b), C(a)
3	2	1	B(b), C(a)